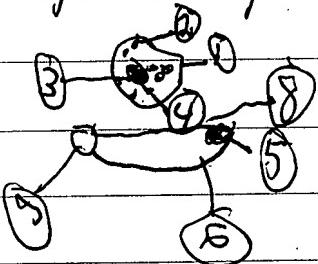


Patent Application (Utility): H<sub>2</sub> Separator Using Gravity and Water Pressure (+mechanical action in subsequent embodiments);

By Gen. Tex Alpen, USAF (Ret.) Covert, aka Mr Gregor Arthur Mulgrew, CEO  
Alpen Organic Industries, Inc. Branford, CT 06405 USA M 1505188

The present invention came about after my retractable solar concentrating trough, (and now dish) and is a necessity for backup heating of (commercial) greenhouses which the troughs are placed in, (under the roof, above the floor, and can employ preheating thermal fluid loops.) I did most of the work theoretically, (as I am a Theoretical Physicist by training - past member National Society of Physics Students 1998 via Yale Univ.) The troughs are hung from a horizontal pipe which I refer to as the absorber pipe. This pipe is suspended from the roof and collects heat which is transferred to a tank via fluid in the pipe. A thermal sensor activates the troughs to open or close the trough material using piezo-electric motors (with ideally arachnid piston frame.) The high temperature of the fluid led me to conclude that if microscopic holes were drilled through the absorber pipe - H<sub>2</sub> could be recovered and transported through an outer pipe, and delivered to a compressor (and tank.) To the best of my knowledge I am the first to invent this technology. I have been plagued by thieves, spies, and terrorists - kidnapped, held hostage, and was dragged for some 5 years, 9 months, POW-MIA 4 years - 2001 - 2005. Tex Alpen May 8, 2007



- (1) outer pipe
- (2) H<sub>2</sub>
- (3) motor
- (4) trough rack + filter
- (5) absorber pipe
- (6) filter canister
- (7) water (fluid)
- (8) trough

## Further

Further, there are many other ways to approach this problem.

For example, you can do it by using the formula for the area of a triangle.

Another way is to use the formula for the area of a parallelogram.

Or you can use the formula for the area of a trapezoid.

Or you can use the formula for the area of a rectangle.

Or you can use the formula for the area of a circle.

Or you can use the formula for the area of a triangle.

Or you can use the formula for the area of a parallelogram.

Or you can use the formula for the area of a trapezoid.

Or you can use the formula for the area of a rectangle.

Or you can use the formula for the area of a circle.

Or you can use the formula for the area of a triangle.

Or you can use the formula for the area of a parallelogram.

Or you can use the formula for the area of a trapezoid.

Or you can use the formula for the area of a rectangle.

Or you can use the formula for the area of a circle.

Or you can use the formula for the area of a triangle.

Or you can use the formula for the area of a parallelogram.

Or you can use the formula for the area of a trapezoid.

Or you can use the formula for the area of a rectangle.

Or you can use the formula for the area of a circle.

Or you can use the formula for the area of a triangle.

Or you can use the formula for the area of a parallelogram.

Or you can use the formula for the area of a trapezoid.

Or you can use the formula for the area of a rectangle.



The Secretary of State of the United States of America  
hereby requests all whom it may concern to permit the citizen/national  
of the United States named herein to pass without delay or hindrance  
and in case of need to give all lawful aid and protection.

*Le Secrétaire d'Etat des Etats-Unis d'Amérique*

*trie par les présentes toutes autorités compétentes de laisser passer le citoyen  
ressortissant des Etats-Unis titulaire du présent passeport, sans délayage,  
difficulté et, en cas de besoin, de lui accorder toute aide et protection légitimes.*

El Secretario de Estado de los Estados Unidos de América por el presente solicita a las autoridades competentes permitir el paso del ciudadano o nacional de los Estados Unidos aquí nombrado, sin demora ni dificultades, y en caso de necesidad, prestarle toda la ayuda y protección lícitas.

SIGNATURE OF BEARER/SIGNATURE DU TITULAIRE/FIRMA DEL TITULAR

**NOT VALID UNTIL SIGNED**



# PASSPORT



*United States  
of America*